

SOKOLOVSKIY, A.L.; STEPANOVICH, Z.Z.; KUZNETSOVA, L.S.; PTUSHKIN, A.T.

Effect of methods and conditions of roasting cacao beans on changes in their physical and chemical properties. Izv.vys.ucheb.zav.pishch. (MIRA 11:11)
tekh. no.4:78-82 '58.

1. Moskovskiy tekhnologicheskii institut pishchevoy promyshlennosti, Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti, Kafedra tekhnologii konditerskogo i makaronnogo proizvodstva.
(Cacao)

SOKOLOVSKIY, A.L.; BYSTROVA, L.G.; NIKIFOROVA, V.N.

Change in sugars during the production of milk caramel.
Izv.vys.ucheb.zav.; pishch.tekh. no.3:54-56 '59.
(MIRA 12:12)

1. Moskovskiy tekhnologicheskii institut pishchevoy promysh-
lennosti. Kafedra konditerskogo i makaronnogo proizvodstva.
(Caramel)

KUZNETSOVA, L.S.; SOKOLOVSKIY, A.L.

Investigating the phenomenon of the sticking of confectionary masses to various surfaces. Izv.vys.ucheb.zav.; pishch.tekh.
(MIRA 13:4)
no.5:126-129 '59.

1. Vsesoyuznyy zaachnyy institut pishchevoy promyshlennosti i
Moskovskiy tekhnologicheskoy institut pishchevoy promyshlennosti,
kafedra tekhnologii konditerskogo i makaronnogo proizvodstva.
(Confectionery)

SOKOLOVSKIY, A.I.; NIKIFOROVA, V.N.; GREYSER, R. Ya.

Effect of the composition of carbohydrates in sirups on the keeping
quality of caramel. Trudy VKNII no.14:32-42 '59. (MIRA 14:5)
(Caramel) (Carbohydrates)

SOKOLOVSKIY, Abram Levkovich; YEVSTIGNEYEV, V.B., doktor tekhn. nauk,
spets. red.; MURASHEVA, O.I., red.; SOKOLOVA, I.A., tekhn. red.

[Physicochemical foundations of the caramel industry] Fiziko-
khimicheskie osnovy proizvodstva karameli. Izd. 2., perer. i dop.
Moskva, Pishchepromizdat, 1961. 131 p. (MIRA 14:7)
(Caramel)

NIKIFOROVA, V.N.; SOKOLOVSKIY, A.L.

Formation of melanoidins in the process involving the preparation of iris. Izv.vys.ucheb.zav.;pishch.tekh. 1:17-22 '61.

(MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konditerskoy promyshlennosti i Moskovskiy tekhnologicheskoy institut pishchevoy promyshlennosti, Kafedra koniterskogo i ~~markan~~aromnogo proizvodstva.
(Iris) (Melanoidins)

SOKOLOVSKIY, A. N., Cand Med Sci -- (diss) "Effect of some medicinal substances of general action on wound barrier." Odessa, 1960. 20 pp; (Odessa State Medical Inst im N. I. Prigorov); 300 copies; price not given; (KL, 27-60, 160)

SOKOLOVSKIY, A.M. (Kurort Truskavets, L'vovskoy oblasti)

Calculus pancreatitis with massive calcifications of the gland.
Vrach. delo no.1:142-145 Ja '62. (MIRA 15:2)
(PANCREAS_DISEASES)

SOROL. VERN. A. L.

New equipment in command and control. Storage. A. 6-10 13 no.2:
12-19 Mr-Ap 164. (MIRA 17:12)

1. Institut "Voinogradskiy".

USSR / Soil Science. Soil Genesis and Geography.

J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6028.

Author : Sokolovskiy, A. N.

Inst : Institute of Geological Sciences, Academy of
Sciences Ukrainian SSR.

Title : The Significance of Physical-Chemical Proper-
ties of Loess For Recognition of its Genesis.

Orig Pub: Tr. In-ta geol. nauk AN USSR, Ser. geomorfol. i
chetvertichn. geol., 1957, vyp. 1, 116-124.

Abstract: The optimum saturation of the absorbing complex
of loess and calcium is situated in the upper
horizons, while the lower horizons are signifi-
cantly less saturated with exchangeable calcium
and this lack of saturation is not compensated
by the presence of other cations. In the author's
opinion, during the time of the loess deposition

Card 1/2

USSR / Soil Science. Soil Genesis and Geography.

J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6028.

Abstract: process and subsequently, there occurred no diagenetic phenomena connected with the water reaction. The difference in saturation of exchangeable calcium in the loess along the profile is connected with the depth of atmospheric soaking. A saturation decrease in the calcium absorbing complex was sharply pronounced at the contact zone of steady soaking with the "dead horizon".
-- V. A. Molodtsov.

Card 2/2

SOKOLOVSKIY, A.N.; BAYKALOV, L.K.

Effect of mineral water from the Naftusia spring on the acidity of gastric juice and the motor and evacuative function of the stomach and gallbladder. Vop. kur., fizioter. i lech. kul't. 30 no.4:312-315 J1=Ag '65. (MIRA 18:9)

1. Terapevticheskoye otdeleniye (zav. A.N. Sokolovskiy)
klinicheskogo sanatoriya No.1 (glavnyy vrach M.I. Kutsevich)
kurorta Truskavets.

SOKOLOVSKIY, A.M.

Ozoceritotherapy in the general compound sanatorium and
health resort treatment of cholelithiasis. Vop.kur.,
fizioter. i lech. fiz. kul't 30 no.5:457-460 S-0 '65.

(MIRA 18:12)

1. Sanatoriy No.3 na kurorte Truskavets.

SOLOVTSKIY, A.P.
USSR / General Topics. Methodology, History, Scientific Institutions and Conferences, Instruction, Bibliography and Scientific Documentation.

A-1

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, No 13422

Author : A.P. Sokolovskiy

Inst : Stalingrad Institute of Farming

Title : Organization and Carrying out of Practical Laboratory Work
(at Institute of Farming) on Example of Chemistry Branches.

Orig Pub : Metod. sb. Stalingr. s.-kh. in-t, 1957, vyp. I, 57 - 68

Abstract : No abstract

Card : 1/1

ARSIC, Bogoljub, sanitetski pukovnik docent dr.; BERDEN, Josip, sanitetski potpukovnik dr.; CIRIC, Aleksandar, sanitetski kapetan dr.; MARICIC, Franja, sanitetski potpukovnik dr.; PAGON, Stojan, sanitetski pukovnik dr.; PGPCVIC, Radoslava, sanitetski potpukovnik dr.; SOKOLOVSKI, Borivoje, sanitetski kapetan I klase dr.

Shigella in the Yugoslav National Army during 1950-1962.
Vojnosanit. pregl. 22 no.6:398-405 Je '65.

1. Vojnomedicinska akademija u Beogradu, Epidemioloski institut HZ, Higijensko-epidemioloski odredi.

DORDEVIC, Dusan, sanitetski major dr.; SOKOLOVSKI, Borivoje, sanitetski kapetan I klase dr.; MILADINOVIC, Tomislav, sanitetski kapetan I klase dr.

Water-related epidemics of dysentery in the garrison N during 1962-1964. Vojnosanit. pregl. 22 no.6:406-412 Je '65.

1. Higijensko epidemioloski odred u Skoplju.

KALISE, R.M., kand.tekhn.nauk; SOKOLOVSKIY, B.A.; DEMENT'YEV, A.I.

Obtaining magnesium alloys in the IPMP-500 furnaces.

Blum.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i

tekh.inform. no.8:50-52 Ag '65.

(MIRA 18:12)

SOKOLOVSKIY, B.F.

Cysts of the thoracic duct, Vest.khir, 84 no.1:123-126 Ja '60.
(MIRA 13:10)

(THORACIC DUCT-TUMORS) (CYSTS)

SOKOLOVSKIY, B.F.

Paget-Schroetter syndrome. Khirurgiia no.9:72-77 '61.

(MIRA 15:5)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey
(nach. - deystvitel'nyy chlen AMN SSSR prof. P.A. Kupriyanov)
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(PHLEBITIS)

SOKOLOVSKIY, B.F. (Leningrad, Botkinskaya ul., d. 17, kv.8)

Clinical and diagnostic aspects of defects in the interventricular septum. Grudn. khir. 4 no.5:25-31 S-0'62 (MIRA 17:3)

1. Iz khirurgicheskoy kliniki dlya usovershenstvovaniya vrachey No.1 (nachal'nik - deystvitel'nyy chlen AMN SSSR prof. P.A. Kupriyanov) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

KABANOV, A.F.; GALUSTOV, S.G.; LESETSKIY, V.A.; SOKOLOVSKIY, B.M.

Objectives of petroleum industry workers. Bezop.truda v prom.
5 no.9:8-9 S '61. (MIRA 14:10)

1. Glavnoye upravleniye neftyanoy i gazovoy promyshlennosti
Vserossiyskogo Soveta Narodnogo Khozyaystva RSFSR.
(Petroleum industry) (Automation)

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... ..

Dissertation: "Investigation of Prefabricated Sectional Plywood Roofs."

22/12/50

Sci. Res. Inst. of Building Technique, Acad. of Architecture, USSR

FO Vecheryaya Moskva

... ..

BOCHKAREV, I.V., kandidat tekhnicheskikh nauk; SOKOLOVSKIY, B.S.,
kandidat tekhnicheskikh nauk.

Making parquet planks of sawmill and woodworking machinery waste.
Nov.tekh. i pered.op. v stroi. 19 no.3:24-26 Mr '57.
(Wood waste) (Parqueting) (MLRA 10:4)

SOKOLOVSKIY, B.S., kandidat tekhnicheskikh nauk.

Glued wooden triangular trusses. Stroi.prom. 32 no.4:43-44 Ap '54.
(MLRA 7:5)

(Trusses)

KAGAN, M.Ye., professor, doktor tekhnicheskikh nauk; SOKOLOVSKIY, B.S.,
kandidat tekhnicheskikh nauk; YAVLENSKIY, S.D., inzhener.

Application of cemented piles and sheet piling in building hydrotechnical
structures. Gidr.stroi. 23 no.3:26-29 '54. (MLRA 7:6)
(Pile driving)

SOKOLOVSKIY, E. S.

N/5
661.4
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Kleyenyye Svai i Shpunt (Cemented Piers and Sheet Piling, By)
M. Ye. Kagan, E. S. Sokolovskiy, i S. D. Yavlenskiy. Moskva, Izd-Vo
Rechnoy Transport, 1955.

126 P. Illus., Diagr., Tables.

VELIKHOV, P.P., [deceased] laureat Stalinskoy premii; GITMAN, I.B., laureat Stalinskoy premii; SOKOLOVA, A.D., laureat Stalinskoy premii; KHODOV, M.P., laureat Stalinskoy premii; SOKOLOVSKIY, D.I., inzhener, retsenzent; OSTOL'SKIY, V.O., kandidat tekhnicheskikh nauk, redaktor.

[Special cranes for the erection of building structures] Spetsial'nye krany dlia montazha stroitel'nykh konstruktsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1953. 205 p. (MLRA 7:5)
(Cranes, derricks, etc.) (Building)

KHOKHOLEV, K.I.; SOKOLOVSKIY, D.I.; LAPSHIN, N.G.

Experience in making and using large-sized precast reinforced
concrete panels for floors of industrial buildings. Bet.i zhel.-
bet. no.1:31-34 Ja '56. (MIRA 9:4)
(Floors, Concrete)

MATVEYEV, A.I.; SOKOLOVSKIY, D.I.

Railroad cement car with pneumatic unloading. Mekh. stroi. 18
no. 3:19-20 Mr '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut stroitel'nogo
i dorozhnogo mashinostroyeniya.
(Cement--Transportation)
(Railroads--Freight cars)

SOFCLOWE, J. J.

Reasons for the prolonged discussion on the hydrologic role
of the forest and the water balance of wooded and woodless
basins. Trudy GGI no.127:3-9 '65. (MIRA 18:9)

SOKOLOVSKIY, D. L.

"The Application of Distribution Curves to the Determination of the Probable Fluctuations of the Annual Discharge of Streams in the European Portion of the USSR, L., 1930.

SOKOLOVSKIY, D. L.

Primeneniye krivyykh veroyatnostey k raschetam godovogo i maksimal'nogo stoka
(Application of Probability Curves in Calculations of Annual and Maximum Run-off),
Energoizdat, 1934.

SO: U-3039, 11 Mar 1953

SOKOLOVSKIY, D. L.

"Run-off in the Donets Basin", Trudy GGI (Proceedings of the GGI) Vol XII, 1934.

SO: U-3039, 11 Mar 1953

SOKOLOVSKY, D. I.

"The Connection Between Flow and Precipitation Under Varying Geographical
Conditions," Meteorologiya i gidrologiya, No 6, 1936.

SOBOLEVSKIY, D. L.

Gidrologicheskiye i vodokhozyaystvennyye raschety pri proyektirovaniy mal'kh GES
(Hydrological and Water-Economy Calculations in Designing Small Hydroelectric
Stations), Gidrometeoizdat, 1946.

SO: U-3039, 11 Mar 1953

SOROLOVSKIY, D. L.

"Flood Waters, Their Hydrological Peculiarities and Procedure of Computation," No 5, pp 65-75.

(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

SOKOLOVSKIY, L. L.

PA 162T56

USSR/Hydrology - Runoff Jul/Aug 48
Forecasting, Hydrological

"Factors Influencing the Variability of Yearly Run-
off," D. L. Sokolovskiy

"Meteorol i Gidrol" No 4, pp 91-92

States L. K. Davydov's formula showing coefficient
of yearly runoff variation as dependent mainly on
coefficient of precipitation variation and runoff
coefficient is incorrect since it does not consider
area of watershed as a factor. Submitted 10 Jan 48.

162T56

BOGOLYUBOV, D. L.

"D. L. Kocherin and the Role he Played in the Development of Soviet Hydrology"
which appeared in Meteorologiya i Gidrologiya, No. 1, 1949.

SO: U-1442, 29 Aug 51.

SOKOLOVSKIY, D. L.

8B-95

Sokolovskii, D. L., Metodika postroeniia gidrografa livnogo stoka po osadkam. [Methods for the construction of the hydrograph for runoff considering the precipitation] Leningrad. Gosudarstvennyi Gidrologicheskii Institut, Trudy, No. 14(68):26-45, 1949. 13 figs., 5 tables, 10 refs., 22 equations. DLC—A detailed study of the problem. A simplified theory for practical use is given. The maximum and the volume of a flood can be calculated for an uninvestigated basin, knowing or assuming the water losses. The distribution of the flood during the time can be calculated, considering the configuration of the catchment area. Subject Headings: 1. Flood forecasting, 2. Hydrographs 3. Runoff forecasting.—A.A.

551.509.58:551.579.4

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SOKOLOVSKIY, D. L.

33933. Sokolovskii, D. L., *River runoff; methods of investigations and computations* [Rechnoi stok], Leningrad, Gidrometeor. Izdat., 1952, 491 pp. \$2.

This is a recent Russian treatise on applied hydrology and methods used by hydraulic engineers. The introduction of this valuable book gives a historical sketch of the development of this science in Russia, emphasizing the controversy on the influence of forests, lakes, and swamps. Most significant topics are as follows: General water-balance equation for short and long periods, illustrated on several Russian basins, a balance for entire Russia and the globe. Methods of determination of the annual runoff, its variability, frequency curves and their stability. Distribution of runoff during a year, seasonal runoff, winter flow; types of rivers. Probability of daily discharge. Minimum flow in summer and winter. Floods, their source and magnitude, progress and forecast, probability of occurrence. Silt runoff, its computation; silting of reservoirs, bed load, dissolved matter. Artificial change of the runoff: afforestation, soil conservation, flood control, storage reservoirs.

Only four German contributions, one Swiss article, and one American book ("The elements of hydrology" by A. Mayer) are mentioned among 316 titles in the large bibliographical index. Probability method, extensively adapted in the book, was originated by Americans A. Hazen and H. Foster, yet their names were not honored either in text or in bibliographical notes, although their table is entirely copied. Surprisingly enough, this excellent method, thoughtlessly discarded by American hydrologists, was skillfully improved and developed in Russia with very good success. Reviewer agrees with the author, who exalts the merits of Russian hydrologists, such as N. E. Dolgov and D. I. Kocherin; it is regrettable, however, that author did not remember the names of two most important leaders in Russian hydrology, namely, V. G. Glushkov and E. V. Oppokov.

S. Kolupaila, USA

SOLOVSKY, D. L.

hydrology

Genetic and statistical methods in hydrology. Izv. AN SSSR Otd. Tekh. nauk no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 195⁴₂, Uncl.

SOKOLOVSKIY, D. L.

437. Sokolovskii, D. L., Methods of runoff computation in design of drainage systems (in Russian), *Gidrotekh. i Melior.* no. 6, 3-10, June 1953.

Rational and empirical formulas are compared and their variables suggested for computation of runoff during drainage season.

S. Kolupaia, USA

~~SOKOLOVSKIY, D.L.~~

BOCHKOV, A.P., kandidat tekhnicheskikh nauk; ~~SOKOLOVSKIY, D.L.~~, doktor tekhnicheskikh nauk, professor, redaktor; ~~SHATILINA, M.K.~~, redaktor; SOLOVEYCHIK, A.A., tekhnicheskiiy redaktor.

[Influence of forests and afforestation improvement measures on the flow of rivers in the forest steppe zone of European Russia] Vliianie lesa i agrolesomeliorativnykh meropriyatii na vodnost' rek lesostepnoi zony evropeiskoi chasti SSSR. Pod red. D.L.Sokolovskogo. Leningrad, Gidrometeorologicheskoe izd-vo, 1954. 133 p. [Microfilm] (MIRA 7:11)
(Forest influences) (Rivers)

SOKOLOVSKIY, D. L.

Sokolovskii, D. L.: O metodika rascheta maksimal'nykh raskhodov i gidrografov vesennago polovod'ia [Method calculation of maximal discharges and hydrographs of spring flood waters]. (In) *Meteorologiya i Gidrologiya*, No. 5:35-40, May 1956. 4 figs., 9 refs., 13 eqs. Trans. into English available for reference, U. S. Weather Bureau Library (M179.6 S6834)

SOKOLOVSKIY, D.L.

Methods for calculating maximum discharges and hydrographs of spring
floods. Meteor. i gidrol. no. 5:35-40 My '56. (MLRA 9:8)
(Floods) (Stream measurements)

SOKOLOVSKIY, D.L.

Letter to the editor. Izv. AN SSSR.Ser.geog.no.6:118-119 N-D '56.
(MIRA 10:1)

(Stream measurements)

SECRETARY, V.L.

3(4)

PHASE I BOOK EXPLOITATION

SOV/2051

Moscow. Universitet. Geograficheskiy fakul'tet

Voprosy gidrologii (Problems in Hydrology) [Moscow] Izd-vo
Moskovskogo univ., 1957. 231 p. 2,400 copies printed.

Resp. Eds.: I. V. Samoylov and L. D. Kurdyumov; Tech Ed.: M.S.
Yermakov.

PURPOSE: This book is intended for hydrologists and geographers.

COVERAGE: This collection of articles on the hydrology of the
USSR is dedicated to Professor Ye. V. Bliznyak, Doctor of Tech-
nical Sciences. Among the topics discussed are: 1) the effect
of air temperature on flow volume, 2) the calculation of shower
runoff, 3) the speed of flood waters, 4) stream levels, 5)
spring floods, 6) suspended sediments in running streams, 7) the

Card 1/6

Problems in Hydrology

SOV/2051

effect of agricultural practices on hydrology, and others. The discussions are accompanied by maps, graphs, and tables illustrating the present or long-term hydrology of the USSR. References accompany each article.

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Card 2/6

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Problems in Hydrology

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- Lopatin, G. V. Map Showing the Modulus of Discharge of Suspended Sediments of Rivers of the USSR 126
- Bykov, V. D., and V. G. Khodakov. Basic Geographical Characteristics in the Distribution of Runoff in the Area of the Central Russian Plateau 130
- Kuznik, I. A. The Effect of Modern Agricultural Technology on the Hydrological Cycle of the Steppe Zone 137
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Card 5/6

Problems in Hydrology

SOV/2051

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Highlands in 1953-1954 218

Rogov, M. M. Some Problems in Hydrographic Investigations
in River Deltas (Using the Amu-Darya River Delta as an Ex-
ample) 222

Blinov, L. K., and M. A. Burkal'tseva. The "Geographical
Paradox" of Lake Balkhash 226

AVAILABLE: Library of Congress

MM/bg
7/17/59

Card 6/6

SOKOLOVSKIY, D. L.

"The Research and Computation of Water Discharges in the USSR, Their Present State and Future Development" by D. L. Sokolovskiy

report presented at the 3rd All-Union Hydrological Congress, 7-17 Oct 1957, Leningrad.

(Izv. Ak Nauk SSSR, ser geograf., 3, pp3-9, '58)

SOKOLOVSKIY, D. L.

Book—2158. Sokolovskii, D. L., edited by, Problems of runoff formation and methods for design (in Russian), Trudi Gos. Gidrol. Inst. no. 61, Leningrad, Gidrometeoizdat, 1957, 307 pp. \$2.40. 21

A series of articles by 12 authors on derivation of runoff from rainfall. D. L. Sokolovskii extends the American "unitgraph" method. V. G. Andrianov analyzes theoretical runoff variation during months and seasons. M. I. Gurevich discusses elementary runoff and genetic runoff formula. G. A. Alekseev gives approximate method of statistical computation. A. P. Bochkov forecasts influence of culture of Hwangho River regime in China. S. N. Bogoliubov writes on ground-water influence on spring flow and temporary creeks. N. F. Panova presents methods of construction of runoff diagrams for flat lands in Russia, with numerous data tables. L. P. Semlianskaia explains determination of maximum discharge in small rivers of Russian bushes and steppes. M. I. Baiushera discusses methods of maximum flow determination for Kazakhstan. D. D. Kvasov and E. E. Zuber-Ianikun apply variation curves to runoff determination. I. M. Georgievskii studies influence of forest density on maximum height of spring flood.

This is a collection of serious contributions of Russian hydrologists to the river runoff forecasts. S. Kolupaila, USA //

ANDREYANOV, Vladimir Georgiyevich, kandidat tekhnicheskikh nauk;
SOKOLOVSKIY, D.L., professor, doktor tekhnicheskikh nauk, redaktor;
VOSKRESENSKIY, K.P., kandidat geograficheskikh nauk, redaktor;
OKSENOVA, Ye.I. redaktor; SHUMIKHIN, K.F., tekhnicheskii redaktor

[Hydrological calculations for designing small and medium
hydroelectric power stations] Gidrologicheskie raschety pri
proektirovanii malykh i srednikh gidroelektrostantsii. Pod red.
D.L. Sokolovskogo i K.P. Voskresenskogo. Leningrad,
Gidrometeor. izd-vo, 1957. 523 p., 2 fold. maps (in pocket)
(MLBA 10:5)

(Hydroelectric power stations) (Hydrology)

5. Sokolovskiy, D.L.
SOKOLOVSKIY, D.L.

Some problems in the theory of maximum rain-runoff formation and
methods for its calculation. Trudy GGI no.61:5-29 '57. (MIRA 10:12)
(Runoff)

AUTHOR: Sokolovskiy, D.L. 10-58-3-16/29

TITLE: Influence of Forest on Stream Flow Conditions (O vliyani
lesa na rezhim rechnogo stoka)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geograficheskaya, 1958,
Nr 3, pp 98-113 (USSR)

ABSTRACT: The author deals with the general influence of forests on
stream flow, and in particular with the following questions:
1) the influence of forest on the yearly flow and the amplitude
of flow variations; 2) the influence of forest on the total
amount of the yearly flow; 3) the influence of forest felling
on perennial fluctuations of the yearly flow. After having
given a detailed description of the subject (illustrated by
graphs and tables), the author mentions A.P. Bochkov (1954),
L.M. Sidorkina (1956), Optokov (1932), Kuzin (1947), Shnitni-
kov (1950), Rakhmanov (1956), G.Ya. Vangengeym (1946), A.A.
Girs (1948, 1955, 1956), and some Swiss authors who dealt with
the same problem. The author comes to the conclusion that
the influence of forest on water conditions is based mainly
on the water-physical properties of forest soil. Forest and
forest soil increase the minimal stream flow due to the sur-

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Influence of Forest on Stream Flow Conditions

10-58-3-16/29

face flow of thawed ice and rain water, i.e. they increase the uniformity of stream flow throughout the year. It is therefore possible to say that total forest felling will inevitably lead to soil transformation and consequently to a decrease in the amount of stream flow. There are 12 tables, 2 graphs, 17 references, 14 of which are Soviet, 2 Swiss and 1 English.

AVAILABLE: Library of Congress

Card 2/2

1. Hydrology - USSR
2. Forestry - USSR

AUTHOR: ~~Sokolovskiy, D. L.~~ SOV/50-58-8-11/18

TITLE: On the Calculation Method of the Maximum Consumption and the Hydrographs of Flood (O metodike rascheta maksimal'nykh raskhodov i gidrografov pavodkov)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 8, pp. 44-46 (USSR)

ABSTRACT: It is known that the problem of working out a rational calculation theory and -method of the maximum flow of the spring floods and flood is one of the most topical problems of hydrology, if immediate hydrological data are lacking. The theories, methods, and formulae which exist at present are often contradicting. Therefore G. A. Alekseyev (Ref 1) tried to analyze and classify these formulae. However, Alekseyev considers only his own formulae as rational, and rejects all others, even the best established ones. Since the just mentioned paper contains not only unclear formulations, but even inaccuracies and coarse assumptions which distort the character of the phenomena, the author thinks that it is necessary to complete his considerations (Ref 4). Among other things the formula (1) is not derived by Alekseyev, but "satisfies two necessary theoretical conditions". It is easy to prove that his theoretical con-

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On the Calculation Method of the Maximum Consumption and the Hydrographs of Flood

siderations are not sufficient for the substantiation of the formula of the mass calculation (massovaya raschetnaya formula) and the formulae (1), (2), and (3) are wrong. The formula (3) reflects only several special cases. One of these special cases is Alekseyev's assumption that the product of 3 coefficients which is assumed to form the proof of the formula (3) corresponds almost completely to the considerations of A. V. Ogiyevskiy (Ref 3). The formula (1) leads to a physical absurdity $q_{\max} = 0$. This formula so persistently defended by Alekseyev is proved neither theoretically nor practically. The volume formulae (ob'yemnyye formuly Pl.) objected by Alekseyev are among the best established ones and Alekseyev's objections are to a great extent wrong. The considerations of Alekseyev on the principles of the construction of hydrographs are practically unacceptable and do not correspond to the demands of the planning of power plants. The mere mathematical description of a phenomenon may in hydrology lead to the distortion of reality and to very inaccurate results without a careful analysis of the natural conditions. This was the case with Alekseyev. There

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SOV/50-56-8.11/18

On the Calculation Method of the Maximum Consumption and the Hydrographs of
Flood

are 6 references, which are Soviet.

Card 3/3

URYVAYEV, V.A., kand.tekhn.nauk, otv.red.; ALEKIN, O.A., red.; VELIKANOV, M.A., red.; BLIZNYAK, Ye.V., red.; BORSUK, O.N., kand.geogr.nauk, red.; DAVYDOV, L.K., red.; DOMANITSKIY, A.P., red.; KALININ, G.P., red.; KRITSKIY, S.N., red.; KUDELIN, B.I., red.; MANOIM, L.F., red.; MENKEL', M.F., red.; ORLOV, B.P., red.; POPOV, I.V., red.; PROSKURYAKOV, A.K., red.; SOKOLOVSKIY, D.L., red.; SPENGLER, O.A., red.; CHEBOTAREV, A.I., red.; CHERKAVSKIY, S.K., red.; GROSMAH, R.V., red.; SERGUYEV, A.N., tekhn.red.

[Proceedings of the third All-Union Hydrological Congress] Vsesoiuznyi gidrologicheskii s"ezd. 3rd, Leningrad, 1957. Trudy. Leningrad, gidrometeor. izd-vo. Vol.1 [General information, decisions, and papers presented in plenary sessions] Obshchie svedeniia, resheniia i plenarnye doklady. 1958. 242 p. (MIRA 12:1)
(Hydrology--Congresses)

SOKOLOVSKIY, D.L., prof.

Method of computing maximum discharges and hydrographs of spring
floods and floods resulting from rainfalls. Trudy OGMI no.15:41-51
'58. (MIRA 12:7)

1.Leningradskiy gidrometeorologicheskii institut.
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Method of estimating the transformation of flood flow. Trudy
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Notes on Z.P. Petrova's work. Trudy OGMI no.15:213 '58.
(MIRA 12:7)

1.Leningradskiy gidrometeorologicheskii institut.
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SOKOLOVSKIY, Danil L'vovich, prof., doktor tekhn.nauk; URYVAYEV, V.A.,
~~otv.red.~~, ~~SHATILINA, M.K.~~, red.; VLADIMIROV, O.G., tekhn.red.

[Runoff; basic principles of theoretical and practical calculations]
Rechnoi stok; osnovy teorii i praktiki raschetov. Izd.2., ispr. i
dop. Leningrad, Gidrometeor.izd-vo, 1959. 527 p. (MIRA 12:9)
(Runoff)

GUREVICH, M.I., kand.geogr.nauk; POPOV, I.V., kand.geogr.nauk; SPENGLER, O.A., kand.geogr.nauk; URYVAYEV, V.A., otv.red.; SOKOLOVSKIY, D.L., prof., doktor tekhn.nauk, red.toma; CHEBOTAREV, A.I., dotsent, kand.tekhn.nauk, red.toma; KALININ, G.P., prof., doktor geogr.nauk, red.toma; GROSMAN, R.V., red.; SHATILINA, M.K., red.; BRAYNINA, M.I., tekhn.red.

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ANDREYANOV, Vladimir Georgiyevich; SOKOLOVSKIY, D.L., prof., doktor
tekhn.nauk, red.; SHATILINA, M.K., red.; BRAYNINA, M.I.,
tekhn.red.

[Annual distribution of streamflow; basic principles and their
application to hydrological calculations and the water economy]
Vnutrigodovoe raspredelenie rechnogo stoka; osnovnye zakono-
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vennykh raschetakh. Pod red. D.L.Sokolovskogo. Leningrad, Gidro-
meteor.izd-vo, 1960. 326 p. (MIRA 13:10)
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URYVAYEV, V.A., kand.tekhn.nauk; red.; CHEBOTAREV, A.I., kand.tekhn.nauk, red.; VOSKRESENSKIY, K.P., kand.geogr.nauk, red.; DOMANITSKIY, A.P., kand.geogr.nauk, red.; PROTAS'YEV, M.S., kand.geogr.nauk, red.; SOKOLOVSKIY, D.L., doktor tekhn.nauk, red.; SHATILINA, M.K., red.; VLADIMIROV, O.G., tekhn.red.

[Surface water resources in regions of reclaimed virgin and idle lands] Resursy poverkhnostnykh vod raionov osvoenia tselinnykh i zaleznykh zemel'. Pod obshchei red. V.A.Uryvaeva. Leningrad, Gidrometeor.izd-vo. No.5. [North Kazakhstan Province, Kazakh S.S.R.] Severo-Kazakhstanskaya oblast' Kazakhskoi SSR. 1960. 418 p. (MIRA 13:11)

1. Leningrad. Gosudarstvennyy gidrologicheskiy institut.
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FEDOROV, N.N., kand.tekhn.nauk; POPOV, I.V., kand.geogr.nauk; BORSUK, O.N.,
kand.geogr.nauk; GRUSHEVSKIY, M.S., kand.tekhn.nauk; VELIKANOV,
M.A., prof., doktor tekhn.nauk, red.(Moskva); URYVAYEV, V.A., otv.
red.; ALEKIN, O.A., red.; BLIZNYAK, Ye.V., red. [deceased];
BORSUK, O.N., red.; DAVYDOV, L.K., red.; DOMANITSKIY, A.P., red.;
KALININ, G.P., red.; KRITSKIY, S.N., red.; KUDELIN, B.I., red.;
MANOIM, L.F., red.; MENKEL', M.F., red.; ORLOV, B.P., red.;
PROSKURYAKOV, A.K., red.; SOKOLOVSKIY, D.L., red.; SPENGLER, O.A.,
red.; CHEBOTAREV, A.I., red.; CHERKOVSKIY, S.K., red.; SHATILINA,
M.K., red.; VLADIMIROV, O.G., tekhn.red.

[Transactions of the Third All-Union Hydrological Congress] Trudy
III Vsesoiuznogo gidrologicheskogo s"ezda. Vol.5. [Section of
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3. Chlen-korrespondent AN SSSR (for Velikanov).

(Hydrology--Congresses)

SOKOLOVSKIY, D.L.

Methodology of estimating the greatest possible discharges on
the basis of the geographic parameters of a formula of maximum
runoff. Trudy GGI no.79:3-17 '60. (MIRA 15:3)
(Runoff)

SOKOLOVSKIY, D. L.

Potential ~~maximum~~ runoffs and methodology for determining
them. Trudy Len. gidromet. inst. no.11:3-11 '61.
(MIRA 16:1)

(Runoff)

SOKOLOVSKIY, D.L.

Hydrology and water resources of arid regions. Probl. gidroenerg.
i vod. khoz. no.1:5-9 '63. (MIRA 16:12)

1. Leningradskiy gidrometeorologicheskii institut.

SOKOLOVSKIY, D.L., doktor tekhn.nauk, prof.

Application of the methods of mathematical statistics to calculations
for maximum discharges. Gidr. stroi. 33 no.5:33-36 My '63.

(MIRA 16:5)

(Hydrology—Tables, calculations, etc.) (Mathematical statistics)

SOKOLOVSKIY, D. S.

"D. L. Kocherin and the Role he Played in the Development of Soviet Hydrology,"
Meteorologiya i Gidrologiya, Issue No. 1, 1949.

U-1442, 28 Aug 51

23

Lime halfcell. D. S. Sokolovskii. *Bumashnaya Prom.* 12, Nos. 2-3, 27-31 (1933) - A good grade of wrapping paper was obtained from waste birch wood by cooking with 2.25% Ca(OH)_2 for 0.5 hrs. at 150° and 5 atm. pressure. CHAS. BLANC

ASME S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1ST AND 2ND ORDERS
3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

CA

Properties of lime halfstuff. D. S. Sokolovskii. *Bumizhnyye Prom.* 13, No. 3, 41 (1944). Aspen cooked with 2% Ca(OH)_2 for 4 hrs. at 150° and 5 atm. pressure gave 91.5% of halfstuff similar in its properties to that of birch pulp (cf. C. A. 27, 3380). The birch and aspen halfstuffs bleached exhaustively by various methods produced yellow products. Spruce waste (5% bark and 10% wood), cooked with Ca(OH)_2 similarly to birch and aspen, produced an inferior halfstuff, while cooking with 17% Ca(OH)_2 for 12 hrs. at 150° and 5 atm. pressure gave a better product which mixed with 20% sulfite cellulose produced an easily glazed wrapping paper. C. B.

23

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
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1ST AND 2ND ORDERS
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1ST AND 2ND ORDERS
3RD AND 4TH ORDERS

PROC

SOKOLOVSKIY, D.S., inzhener.

Waste paper processing in some foreign enterprises. Bun.prom. 30
no.10:28-31 O'55. (MLBA 9:1)
(United States--Waste paper)

SOKOLOVSKIY, D.S., inzhener.

Processing waste paper in some enterprises abroad. Bus.prom.
30 no.11:26-30 N '55. (MLBA 9:2)
(Waste paper) (Salvage (Waste, etc.))

Sokolovskiy, D.S.

BREITVEIT, K.V., kand. tekhn. nauk

Book on the utilization of waste paper ("Collection and processing of waste paper for paper and cardboard" by D.S. Sokolovskii. Reviewed by K.V. Breitveit). Bum. prom. 34 no. 2:26 F '59.

(MIRA 12:4)

(Waste paper)

(Sokolovskii, D.S.)

SOKOLOVSKIY, D.S., inzh.

Results of the discussion: "woodpulp or sulfite alcohol?" Bur.prom.36
no.4:5 Ap '61. (MIRA 14:5)

(Woodpulp) (Alcohol)

SOKOLOVSKIY, E., inzh.

New joiner's products in housing construction. Zhil.stroi.
no. 8:22-24 '60. (MIRA 13:8)
(Windows) (Doors)

VASIL'YEVA, N.A.; SOKOLOVSKIY, E.V.; MAYDEBOR, V.N.

Using tritium for studying the flow of injected water. Geol.
nefti i gaza 4 no.7:55-59 Ja '60. (MIRA 13:8)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Hydrogen--Isotopes)

VASIL'YEVA, N.A.; SOKOLOVSKIY, E.V.; MAYDEBOR, V.N.

Results of investigating the motion of injected water in the oil bed
by using tritium, the radioisotope of hydrogen. Trudy VNII no.29:
266-277 '60. (MIRA 13:10)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Tritium) (Oil field flooding)

SOLOV'NIK, E. V.

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniy v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiaki, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

Card 1/11

Radioactive Isotopes and Nuclear (Cont.)

102
SGV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

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Radioactive Isotopes and Nuclear (Cont.)

SCV/5592

development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

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Radioactive Isotopes and Nuclear (Cont.)

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Fel'dman, B. Ye., and L. Z. Tslav. Determining the Location of the Contact Zone of Oil-Bearing and Water-Bearing Carbonaceous Beds by the Induced Activity Method

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Zhuvagin, I. G., and Yu. A. Akchas'yanov. Use of Radioactive Isotopes in a New Method for Controlling the Results of a Hydraulic Rupture of the Bed

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Vasil'yeva, N. A., E. V. Sokolovskiy, and V. N. Maydebor. Use of Radioactive Hydrogen-Tritium Isotope in Exploration and Exploitation of Oil Deposits for Control of Water Movement Along the Bed

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Soyfer, V. N. Method for Determining the Natural Tritium as a Means of Solving Hydrogeological and Hydroengineering

Card 6/11

SOKOLOVSKIY, E.V.

Analysis of the results of using radioactive isotopes to establish
the hydrodynamic connection between separate intervals of the
productive formation of the Karabulak-Achaluki field. Trudy
GrozNII no.10:60-67 '61. (MIRA 15:2)
(Chechen-Ingush A.S.S.R.—Oil reservoir engineering)
(Radioisotopes--Industrial applications)

LEBEDINETS, N.P.; SOKOLOVSKIY, E.V.; MAYDEBOR, V.N.; POSTASH, M.F.;
CHEKHOVSKAYA, G.Yu.

Hydrodynamic relationship among separate parts of thick fractured
reservoir rocks. Geol.nefti i gaza 6 no.4:52-55 Ap '62.
(MIRA 15:4)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Chechen-Ingush A.S.S.R.—Oil sands)

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SOKOLOVSKIY, E. V.

AFANASYEVA, A.V., BAISHEV, B.T., VORISOV, YU.P., VASILYEVA, V.N.,
VOYNOV, V.V., ZINOVIEVA, L.A., KAMENETSKIY, S.G., MAKISOV, M.I.,
MAKISOV, M.M., MAYDEBOR, V.N., NOVIKOV, I.P., SOKOLOVSKIY, E.V.,
SUSHILIN, V.A., YAKOVLEV, V.P.

Problem of developing oil in the USSR

Report to be submitted for the Sixth World Petroleum Congress
Frankfurt, 16-26 June 63

GOKHOVNIK, E.V., MZDIFOR, V.N.

Flooding oil from impermeable fractures. Geol. nef'ti i gaza
7 no.10:49-50 O '63. (MIRA 17,10)

1. Gornenskiy nef'tyanoy nauchno-issledovatel'skiy institut.

SOKOLOVSKIY, E.V.

Investigating the inflow curves by introducing radioactive tracers into the reservoir. Nefteprom. delg. no.4:7-10 '64.
(MIRA 17:6)

1. Groznenskiy neftyanoy nauchno-issledovatel'skiy institut.

SOKOLOVSKIY, E.V.; RAKHMAN, G.A.; MAYDEBOR, V.N.

Results of experimental investigations of the water flooding
of oil from fractures of varying section. Geol. nef'ti, 1 gaza
8 no.10:31-35 O '64. (MIRA 17:12)

1. Groznenskiy nef'tyanoy nauchno-issledovatel'skiy institut.

SOKOLOVSKIY, E.V.

Results of an investigation of fluid motion in a fractured reservoir
rock. Neft. khoz. 42 no.8:27-32 Ag '64.

(MIRA 17:9)

APAKIN, I.S.; ARSEN'YEV, K.K.; SOKOLOVSKIY, F.M.

Organizing work on hydraulic presses in furniture factories. Der.
prom. 5 no.4:5-6 Ap '56. (MIRA 9:7)

1.TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.
(Furniture industry)

SOKOLOVSKIY, F.M., inzhener.

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(Veneers and veneering) (Chairs)

SOKOLOVSKIY, E.M....insh.

Bent and glued parts having a closed form. Der. prom. 6 no.9:7-9 8 '57.
(Furniture) (Gluing) (MIRA 10:11)